

Notice of Allowability

Application No.

10/669,863

Examiner

David L. Lewis

Applicant(s)

HIRAKI ET AL.

Art Unit

2629

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 10/15/2007.
2. ☒ The allowed claim(s) is/are 6-14 and 18-25.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____



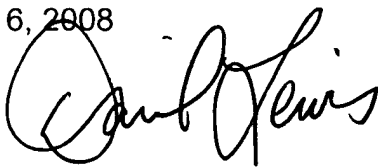
REASONS FOR ALLOWANCE

1. Claims 6-14 and 18-25 are allowed over the prior art of record.
2. Claims 1-5 and 5-17 have been cancelled.
3. The following is an examiner's statement of reasons for allowance: The applicant's arguments filed on 10/15/2007 are persuasive. **The feature of independent claims 6 and 10** directed towards allowable subject matter is a storing polarity patterns in a read only memory (ROM) of a polarity pattern storing portion. **The feature of independent claim 18** directed towards allowable subject matter is partitioning a display screen into a plurality of blocks, calculating a rate of flicker patterns contained in at least one block, and changing a polarity pattern, which detects a polarity of the data signal supplied to the data bus lines, from a first polarity pattern to a second polarity pattern when the rate exceeds a predetermined value. **The feature of independent claims 23 and 24** directed towards allowable subject matter is a dynamic range designating portion for designating a dynamic range and a flicker information amount detecting portion for calculating a rate at which the patterns, which are detected by the flicker pattern detecting portion as flicker patterns, are contained in the dynamic range which is designated by the dynamic range designating portion. **Yamazaki teaches of** a like device having said RAM memory, but fails to teach of the above claimed features that requires a polarity pattern in a ROM of a polarity pattern storing portion. Further Yamazaki fails to teach of said second polarity pattern when a rate of flicker patterns exceeds a predetermined value, as well as, said dynamic range adjustment. **Therefore** the above said features in combination with the other limitations of the above independent claims 6, 10, 18, 23, and 24, and therefore claims 6-14 and 18-25, are found to be allowable over the prior art of record.

4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."
5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **David L. Lewis** whose telephone number is **(571) 272-7673**. The examiner can normally be reached on MTWTHF from 8 to 5. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bipin Shalwala, can be reached on **(571) 272-7681**. Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (571)-273-8300.
6. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Examiner: David L. Lewis

January 6, 2008

A handwritten signature in black ink, appearing to read "David L. Lewis", is written over the date. The signature is stylized with a large, circular initial "D" and a long, sweeping horizontal stroke.